

Arginase-1 Recombinant Protein | Arg1 recombinant protein

Recombinant Mouse Arginase-1

CATALOG # AAA116525	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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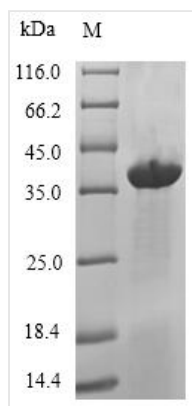
PRODUCT SYNONYMS

Arginase-1; Recombinant Mouse Arginase-1; Liver-type arginase; Type I arginase; Arg1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-323. Full Length
Sequence	MSSKPKSLEI IGAPFSKGQP RGGVEKGPAA LRKAGLLEKL KETEDVVRDH GDIAFVDVPN DSSFQIVKNP RSVGKANEEL AGVVAEVQKN GRVSVVLGGD HSLAVGSISG HARVHPDLCV IWVDAHTDIN TPLTTSSGNL HGQPVSFLK ELKGKFPDVP GFSWVTPCIS AKDIVYIGLR DVDPGEHYII KTLGIKYFSM TEVDKLGIGK VMEETFSYLL GRKKRPIHLS FDVDGLDPAF TPATGTPVLG GLSYREGLYI TEEIYKTGLL SGLDIMEVNP TLGKTAEVVK STVNTAVALT LACFGTQREG NHKPGTDYK PPK
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

References	Chieko H. Cloning of mouse full open reading frames in Gateway(R) system entry vector (pDONR201) .Ebert L., Muenstermann E., Schatten R., Henze S., Bohn E., Mollenhauer J., Wiemann S., Schick M., Korn B. Large-scale phosphorylation analysis of mouse liver.Villen J., Beausoleil S.A., Gerber S.A., Gygi S.P.Proc. Natl. Acad. Sci. U.S.A. 104:1488-1493(2007) SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7106255
NCBI GeneID	11846
NCBI Accession #	NP_031508.1
NCBI GenBank Nucleotide #	NM_007482.3
UniProt Accession #	Q61176; Q3TB74; Q3UEL0; Q4FK78; Q80VI4
Molecular Weight	36.8 kDa
NCBI Official Full Name	arginase-1
NCBI Official Synonym Full Names	arginase, liver
NCBI Official Symbol	Arg1
NCBI Official Synonym Symbols	AI; PGIF; Arg-1; AI256583
NCBI Protein Information	arginase-1
UniProt Protein Name	Arginase-1
UniProt Gene Name	Arg1
UniProt Entry Name	ARGI1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/arg1-recombinant-protein-e-coli/116525>